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This abstract describes a presentation at the Radio Science Meeting in Boulder, CO. The presentation was on diurnal, seasonal and solar activity variations of F-region parameters.

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DIURNAL, SEASONAL AND SOLAR ACTIVITY VARIATIONS OF F-REGION PARAMETERS Adolf K. Paul 7455 Brockway Dr. Boulder, CO 80303 AND R.A. Sprague NCCOSC RDTE DIV, CODE 542 San Diego, CA 92152-5235

Digital ionosondes combined with high quality data processing methods permit the detection of relatively small, but significant changes of ionospheric parameters such as the critical frequency of the F-region, the height of the maximum, the half-thickness and the MUF(3000).

The results to be presented are mainly based on monthly median and upper and lower quartiles of the parameters mentioned above, derived from digital ionograms recorded at San Diego in five minute intervals since March 1992.

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